

PROCEEDINGS  
OF  
The American Microscopical Society.

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MINUTES OF THE TWENTIETH ANNUAL MEETING

HELD AT

TOLEDO, OHIO, AUGUST 5, 6, 7, 1897.

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THURSDAY, August 5, 1897.

The members assembled in the auditorium of the Central High School at 2.30 P. M. and were called to order by the President of the Toledo Microscopical Society. Mayor Jones, of Toledo, was then introduced and in a few well-chosen words welcomed the members to the city. Although not a microscopist, yet he appreciated the great advances made in science by the use of the microscope and predicted still greater results in the future.

Professor E. W. Claypole, president of the society, replied to the words of welcome and declared the twentieth annual meeting open for the transaction of business.

The names of a number of new members were then read as recommended by the Executive Committee, and by resolution the secretary cast a ballot of the society for them and declared them elected. Their names will be found in the list of members at the end of the volume.

The president appointed as an auditing committee to examine the accounts of the treasurer Dr. A. Clifford Mercer, J. C. Smith and F. W. Kuhne.

The society proceeded to the election of the nominating committee, and the following members were declared elected: Magnus Pflaum, Dr. A. Clifford Mercer, Dr. William C. Krauss, Miss Edith J. Claypole and Dr. D. E. Hoag.

The first paper to be presented was read by Magnus Pflaum, of Pittsburg, Pa., on The Microscope as a Factor of Civilisation. Discussed by Professor D. S. Kellicott.

In the absence of Professor S. H. Gage, of Ithaca, N. Y., his paper on Notes on the Isolation of the Tissue Elements was read by the secretary. The discussion was participated in by Professor Kellicott, Dr. Mercer, Dr. Krauss, Miss Agnes Claypole and Mr. Pflaum.

The secretary also read the paper of Mr. John M. Berry, of Peterboro, N. Y., on Comparison of the Phagocytic Action of Leucocytes in Amphibians and Mammals. Discussed by Miss E. J. Claypole, Professor Kellicott and Dr. C. S. Miller.

Thursday evening, at 8 o'clock, the society and friends assembled at the High School to listen to the address of the president, Professor E. W. Claypole, of Akron, Ohio, on Microscopical Light in Geological Darkness. Following the address an informal reception was held, participated in by the members of the society and the Toledo Microscopical Society.

FRIDAY, August 6, 1897.

Meeting called to order at 10 o'clock. Professor D. S. Kellicott, of Columbus, Ohio, read papers on Capture and Study of Rotifers and Rotifera of Sandusky Bay.

Mr. J. C. Smith, of New Orleans, La., read papers on Notes on Some Undescribed Infusorians from Louisiana and The Sporular Development of *Ameba villosa*, Leidy.

Mr. Francis Scott Rice, of Steelton, Pa., then read a paper on The Micro-structural Characteristics of Steel, with lantern slide demonstrations.

Friday afternoon the society, as the guest of the Toledo Microscopical Society, spent a few hours on an excursion on the Maumee River and Lake Erie, much to the enjoyment and contentment of the members present.

Friday evening, at 8 o'clock, the society, in conjunction with the local society, gave a microscopical exhibition at the Public Library to the citizens of Toledo. The exhibition was a success in every way and was a source of much pleasure and astonishment to those unacquainted with the revelations of the microscope.

SATURDAY, August 7, 1897.

Meeting called to order by the president at 10.15 o'clock.

The nominating committee reported as follows:

Officers of the society for 1897-98: President, Professor D. S. Kellicott, Columbus, O.; vice-presidents, Dr. Moses C. White, New Haven, Conn.; Dr. Veranus A. Moore, Ithaca, N. Y.; secretary, Dr. William C. Krauss, Buffalo, N. Y.; treasurer, Magnus Pflaum, Pittsburg, Pa.; executive committee, Dr. D. E. Hoag, Toledo, O.; Dr. Robert Aberdeen, Syracuse, N. Y.; Miss Edith J. Claypole, Wellesley, Mass.

Upon motion the secretary was directed to cast a ballot for the nominees as reported by the committee and they were duly elected.

The treasurer's report was read and accepted.

The report of the auditing committee was read and adopted.

Miss Agnes M. Claypole, of Wellesley, Mass., then read a paper on Forms of Cleavage in the Eggs of Certain Arthropods.

Miss Edith J. Claypole, of Wellesley, Mass., read a paper on Comparative Structures of the Digestive Tract.

Owing to lack of time, the discussion on the Microscope in the Hands of the Teacher and the Physician was omitted.

The following papers were read by title: The First Deposit of Bacillaria Diatoms Discovered in America, A. M. Edwards, M. D., Newark, N. J.; Two Very Simple Microtomes, Edward Pennock, Philadelphia, Pa.; Varieties of the Favus Fungus, Frank J. Thornbury, Buffalo, N. Y.; Methods in Microscopical Technique, Professor H. B. Ward, Lincoln, Neb.; Bacteriology of Puerperal Convulsions, Dr. A. M. Veeder, Lyons, N. Y.; Dahlia as a Stain for Bacteria in Sections Cut by the Collodion Method, R. C. Reed, Ithaca, N. Y.; The Hemospast, a new and convenient instrument for drawing blood for microscopical examinations, V. A. Moore, Ithaca, N. Y.; A Study of the Organs of Taste, A. E. Loveland, M. D., New Haven, Conn.; A Comparative Study of Hair from the Medico-legal Aspect, W. G. Reynolds, B. A., M. D., Watertown, Conn.

A vote of thanks was tendered the Toledo Microscopical Society for the entertainment during the session and a vote of thanks was given the retiring president, Professor E. W. Claypole, after which the society adjourned.